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**South Coast Air Quality Management District**

**Engineering & Compliance**

*Policies &  
Procedures*

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**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

**ENGINEERING DIVISION**

**DATE:** March 13, 1986  
**TO:** Landfill Unit Engineers  
**FROM:** Fred Lettice, Supervising A.Q. Engineer /s/ FL  
**SUBJECT:** BACT and CO Catalysts for LFG Fired Engines

In response to various comments and inquiries, the District has recently agreed not to make major changes to our Best Available Control Technology guideline dated May 1983 unless we hold public workshops on the proposed changes. The District Board supports this new position. Therefore, unless a specific control method, which does not appear in the May 1983 BACT guideline, is well documented and has been used extensively since the release of the May 1983 BACT guideline, it will not be considered BACT until after a public workshop is held. For instance, selective catalytic reduction will still be considered BACT for gas turbines in a cogeneration mode even though it does not appear in the May 1983 BACT guideline.

While a carbon monoxide catalyst has been used on a lean burn internal combustion engine firing landfill gas by GSF Energy at Olinda Landfill, the successful operation of the catalyst has not been completely demonstrated. Since the May 1983 BACT guideline does not require a CO catalyst for landfill gas fired internal combustion engines, this control technology should not be considered BACT at this time.